

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(REV. 7-80) PATENT AND TRADEMARK OFFICEAtty. Docket No.  
11535Serial No.  
09/100,812LIST OF PRIOR ART  
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## Applicant

Michael Wayne Graham

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Filing Date  
June 19, 1998

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AP	Napoli, Carolyn et al., "Introduction of a Chimeric Chalcone Synthase Gene into Petunia Results in Reversible Co-Suppression of Homologous Genes in trans", <u>The Plant Cell</u> , 2: 279-289 (1990).
AR	Lindbo, John et al., "Induction of a Highly Specific Antiviral State in Transgenic Plants: Implications for Regulation of Gene Expression and Virus Resistance", <u>The Plant Cell</u> , 5: 1749-1759 (1993).
AS	Park, Y. et al., "Gene silencing mediated by promoter homology occurs at the level of transcription and results in meiotically heritable alterations in methylation and gene activity", <u>The Plant Journal</u> , 9: 183-194 (1996).
AT	Waterhouse, Peter et al., "Virus resistance and gene silencing in plants can be induced by simultaneous expression of sense and antisense RNA", <u>Plant Biology</u> , 95: 13959-13964 (1998).
AU	Smith, Neil et al., "Total Silencing by intronspliced hairpin RNAs", <u>Nature</u> , 407: 319-320 (2000).
AV	Katsuki, Motoya et al., "Conversion of Normal Behavior to Shiverer by Myelin Basic Protein Antisense cDNA in Transgenic Mice", <u>Science</u> , 241: 593-595 (1988).

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SC	AP	Moroni, Maria Cristina et al., "EGF-R Antisense RNA Blocks Expression of the Epidermal Growth Factor Receptor and Suppresses the Transforming Phenotype of a Human Carcinoma Cell Line", <u>The Journal of Biological Chemistry</u> , 267(5): 2714-2722 (1992).
SC	AR	Kook, Yoon Hoh et al., "The effect of antisense inhibition of urokinase receptor in human squamous cell carcinoma on malignancy", <u>The EMBO Journal</u> , 13(17): 3983-3991 (1994).
SC	AS	Palauqui, Jean-Christophe et al., "Systemic acquired silencing: transgene-specific post-transcriptional silencing is transmitted by grafting from silenced stocks to non-silenced scions", <u>The EMBO Journal</u> , 16(15): 4745 (1997).
SC	AT	Palauqui, Jean-Christophe et al., "Transgenes are dispensable for the RNA degradation step of cosuppression", <u>Plant Biology</u> , 95: 9675-9680 (1998).
SC	AU	Voinnet, Olivier et al., "Systemic Spread of Sequence-Specific Transgene RNA Degradation in Plants Is Initiated by Localized Introduction of Ectopic Promoterless DNA", <u>Cell</u> , 95: 177-187 (1998).
SC	AV	Fire, Andrew et al., "Potent and specific genetic interference by double-stranded RNA in <i>Caenorhabditis elegans</i> ", <u>Nature</u> , 391: 806-811 (1998).

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g	AP	Wianny, Florence et al., "Specific interference with gene function by double-stranded RNA in early mouse development", <u>Nature Cell Biology</u> , 2: 70-75 (2000).
g	AR	Tuschl, Thomas et al., "Targeted mRNA degradation by double-stranded RNA in vitro", <u>Genes &amp; Development</u> , 13: 3191-3197 (1999).
g	AS	Hamilton, Andrew J. et al., "A Species of Small Antisense RNA in Posttranscriptional Gene Silencing in Plants", <u>Science</u> , 286: 950-952 (1999).
g	AT	Zamore, Phillip D. et al., "RNAi: Double-Stranded RNA Directs the ATP-Dependent Cleavage of mRNA at 21 to 23 Nucleotide Intervals", <u>Cell</u> , 101: 25-33 (2000).
g	AU	Hammond, Scott M. et al., "An RNA-directed nuclease mediates post-transcriptional gene silencing in <i>Drosophila</i> cells", <u>Nature</u> , 404: 293-296 (2000).
g	AV	Caplen, Natasha J. et al., "dsRNA-mediated gene silencing in cultured <i>Drosophila</i> cells: a tissue culture model for the analysis of RNA interference", <u>Gene</u> , 252: 95-105 (2000).

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<i>SC</i>	AW	Cogoni, Carlo et al., "Gene silencing in <i>Neurospora crassa</i> requires a protein homologous to RNA-dependent RNA polymerase", <i>Nature</i> , Vol. 399: 166-169 (1999).
<i>SC</i>	AX	Cogoni, Carlo et al., "Posttranscriptional Gene Silencing in <i>Neurospora</i> by a RecQ DNA Helicase", <i>Science</i> , 286: 2342-2344 (1999).
<i>SC</i>	AY	Dalmay, Tamas et al., "An RNA-Dependent RNA Polymerase Gene in <i>Arabidopsis</i> Is Required for Posttranscriptional Gene Silencing Mediated by a Transgene but Not by a Virus", <i>Cell</i> , 101: 543-553 (2000).
<i>SC</i>	AZ	Brignetti, Gianinna et al., "Viral pathogenicity determinants are suppressors of transgene silencing in <i>Nicotiana benthamiana</i> ", <i>The EMBO Journal</i> , 17(22): 6739-6746 (1998).
<i>SC</i>	AA	Tabara, Hiroaki et al., "The <i>rde-1</i> Gene, RNA Interference, and Transposon Silencing in <i>C. elegans</i> ", <i>Cell</i> , 99: 123-132 (1999).
<i>SC</i>	AB	Domeier, Mary Ellen et al., "A Link Between RNA Interference and Nonsense-Mediated Decay in <i>Caenorhabditis elegans</i> ", <i>Science</i> , 289: 1928-1930 (2000).

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S	AC	Smardon, Anne et al., "EGO-1 is related to RNA-directed RNA polymerase and functions in germ-line development and RNA interference in <i>C. elegans</i> ", <i>Current Biology</i> , 10(4): 169-178 (2000).
S	AD	Wassenegger, Michael et al., "Signalling in gene silencing", <i>Elsevier Science</i> , 4(6): 207-209 (1999).
S	AE	Ding, Shou Wei, "RNA silencing", <i>Current Opinion in Biotechnology</i> , 11: 152-156 (2000).
S	AF	Marx, Jean, "Interfering With Gene Expression", <i>Science</i> , 288: 1370-1372 (2000).
S	AG	Gura, Trisha, "A silence that speaks volumes", <i>Nature</i> , 404: 804-808 (2000).
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